11a is cut. At least one of a plurality of magnet arrangement guides 22c protrudes and faces the magnet and is coated with resin.

Replace the paragraph beginning at page 11, line 22 with:

FIG. 9 shows a brushless type non-circular flat motor according to a fourth preferred embodiment of the present invention. That is, a shaft core 1a protrudes from the center of a metal stator base (metal plate) 12 to which a printed circuit board is attached. The protruding shaft core 1a is coated with a slippery resin, thus forming a resin coated fixed shaft 1S.

Replace the paragraph beginning at page 13, line 12 with:

Further, the motor itself can be light and an additional shaft is not necessary. When the motor includes a resin integral with the housing, manufacturing cost decreases and heat insulation is provided during reflow soldering. Also, a stainless steel bearing is not needed and a flat brushless motor with less sliding loss is produced. Also, mass production of coreless brush motors is achieved by the manufacturing method of the present invention.

IN THE CLAIMS:

Replace the indicated claims with:

4. (Thrice Amended) A non-circular flat motor comprising:

a rotor having an axial direction;

a housing which is non-circular in a plane perpendicular to the axial direction, which rotatably supports the rotor, and which has side surfaces, at least a part of which are flat, and which includes a stator base;

an armature coil at the stator base;

a flat magnet on the rotor facing the armature coil and spaced from the armature coil by a gap;

a plurality of feeder terminals arranged at the side surfaces, at corners of the housing, and electrically insulated from adjacent portions of the motor;

a bracket as part of the housing and on which the magnet is disposed; and

a pair of brushes, at least one of the brushes being connected to the feeder terminals through a first gap between the bracket and the magnet as insulation, wherein the rotor